

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041998.D
 Acq On : 13 Jan 2021 22:40
 Operator : SY/MD
 Sample : M1065-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 02:47:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	119372	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43436	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44711	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.919	69	43634	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.578	63	67103	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.655	46	157394	52.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.14%
24) Chloroform-d	5.080	84	91583	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.716	65	53736	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.742	84	189173	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.700	67	57138	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.906	98	130300	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	8.186	79	20335	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.642	63	111466	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	42724	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	44049	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	6791	0.62	ug/L 94
3) Chloromethane	1.523	50	724	0.05	ug/L # 82
8) Chloroethane	1.948	64	291	0.03	ug/L # 44
9) Trichlorofluoromethane	2.147	101	925293	51.92	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	14993	1.57	ug/L 92
12) 1,1-Dichloroethene	2.588	96	2113	0.23	ug/L # 1
13) Acetone	2.655	43	3750	1.98	ug/L 99
15) Methyl Acetate	2.970	43	847	0.18	ug/L # 51
18) trans-1,2-Dichloroethene	3.372	96	1217	0.13	ug/L 88
19) 1,1-Dichloroethane	3.880	63	7687	0.41	ug/L 88
22) cis-1,2-Dichloroethene	4.684	96	339190	34.18	ug/L 94
25) Chloroform	5.105	83	2898	0.16	ug/L 96
31) Carbon tetrachloride	5.536	117	1896	0.15	ug/L 95
34) Trichloroethene	6.552	95	1217854	131.73	ug/L 97
35) Methylcyclohexane	6.703	83	13048	0.89	ug/L # 16
37) 1,2-Dichloropropane	6.703	63	5821	0.61	ug/L # 90
44) trans-1,3-Dichloropropene	8.182	75	672	0.05	ug/L # 76
47) Tetrachloroethene	8.555	164	3522	0.59	ug/L 87
48) 2-Hexanone	8.639	43	12875	2.87	ug/L # 66

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU041998.D
Acq On : 13 Jan 2021 22:40
Operator : SY/MD
Sample : M1065-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 02:47:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

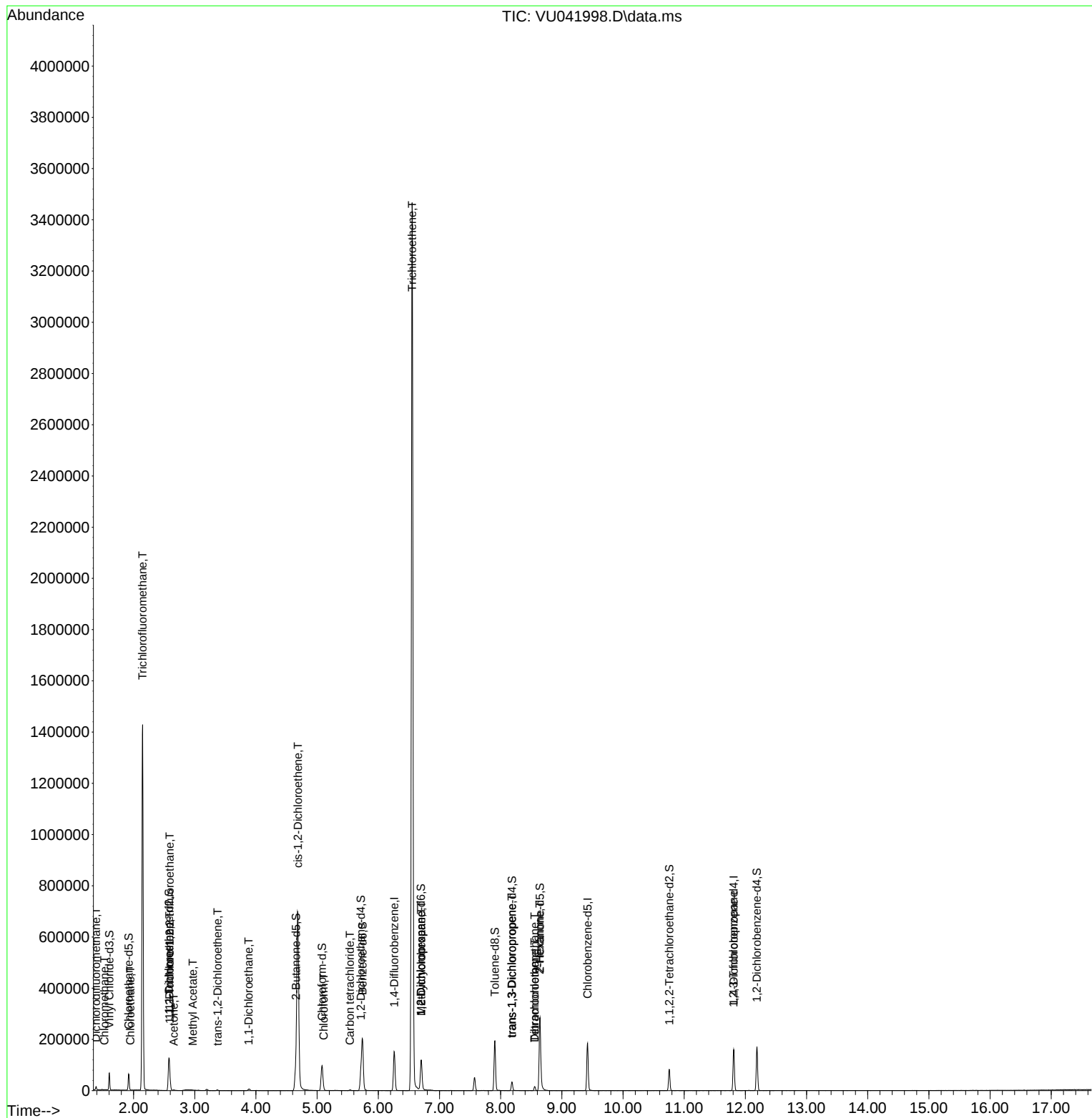
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.555	129	3441	0.47	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	5216	0.83	ug/L	100

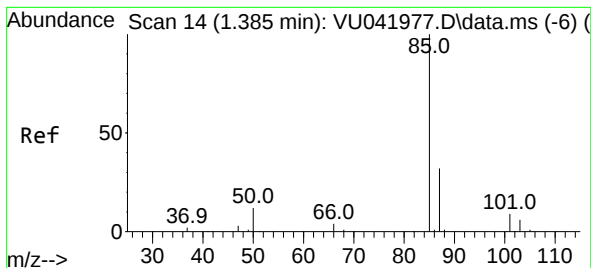
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU041998.D
Acq On : 13 Jan 2021 22:40
Operator : SY/MD
Sample : M1065-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 02:47:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

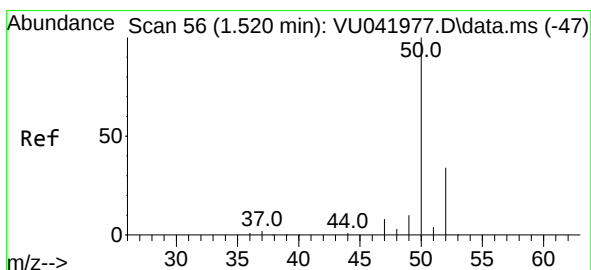
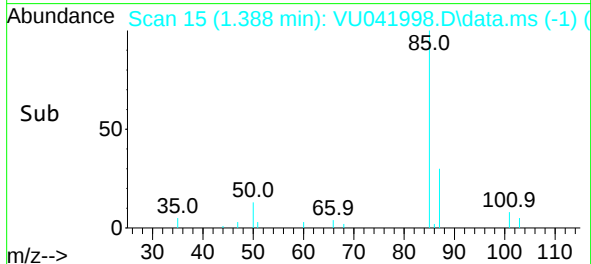
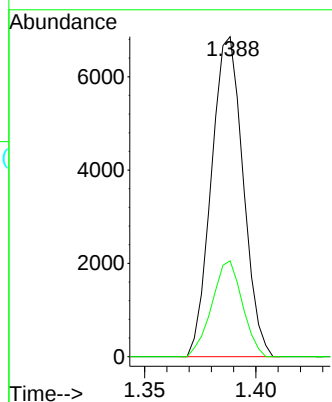
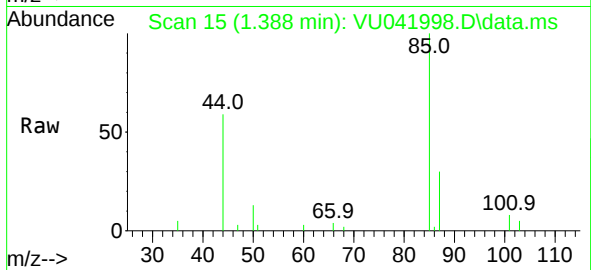




#2
 Dichlorodifluoromethane
 Concen: 0.62 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.003 min
 Lab File: VU041998.D
 Acq: 13 Jan 2021 22:40

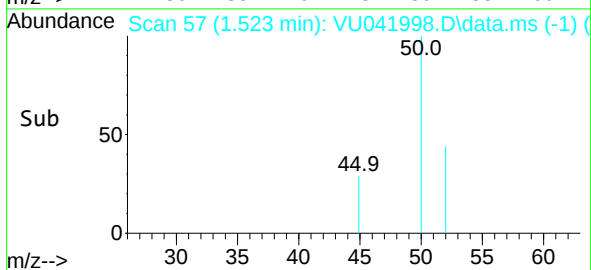
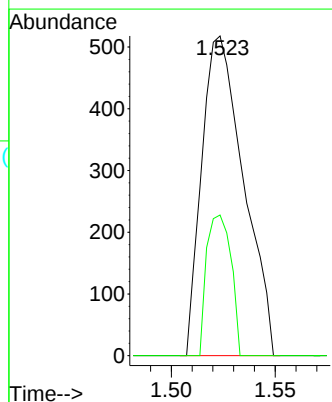
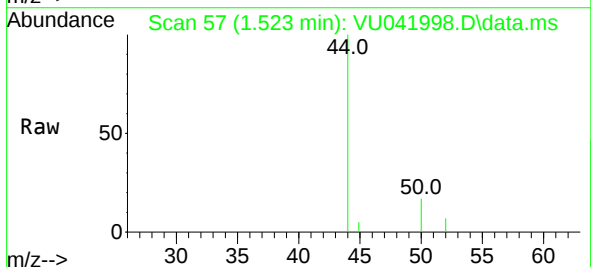
Instrument :
 MSVOA_U
 ClientSampled :

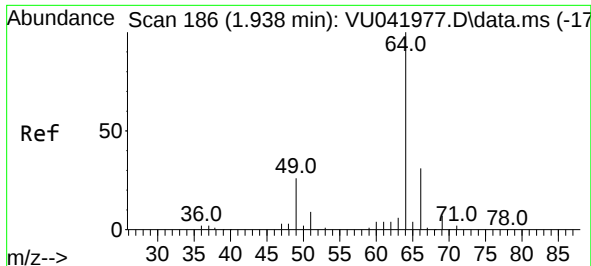
Tgt Ion: 85 Resp: 6791
 Ion Ratio Lower Upper
 85 100
 87 28.8 25.7 38.5



#3
 Chloromethane
 Concen: 0.05 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU041998.D
 Acq: 13 Jan 2021 22:40

Tgt Ion: 50 Resp: 724
 Ion Ratio Lower Upper
 50 100
 52 44.0 23.5 43.7#

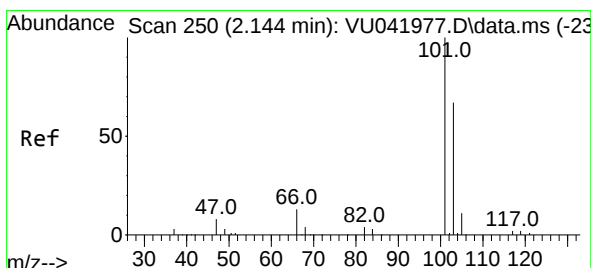
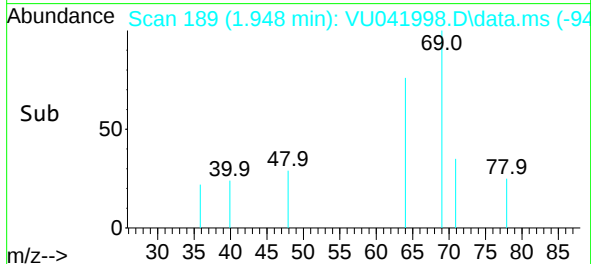
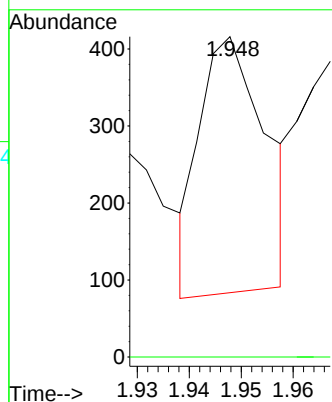
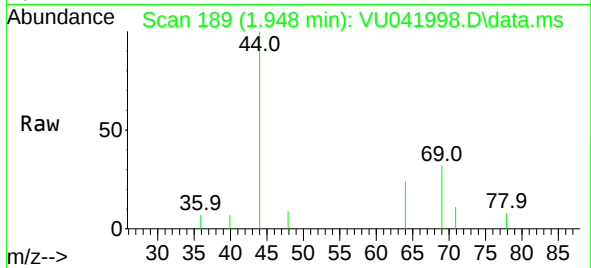




#8
Chloroethane
Concen: 0.03 ug/L
RT: 1.948 min Scan# 189
Delta R.T. 0.006 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

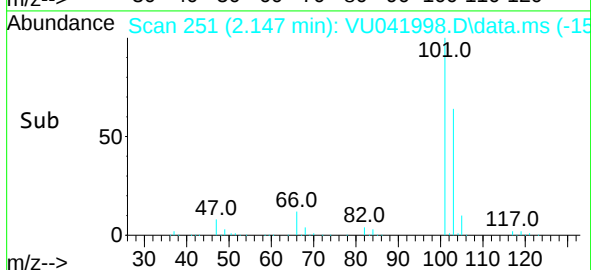
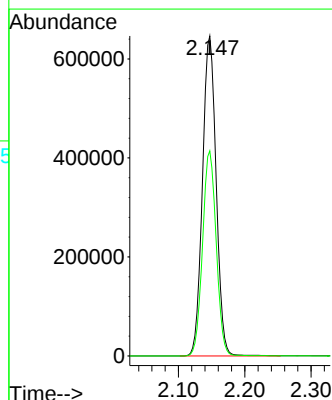
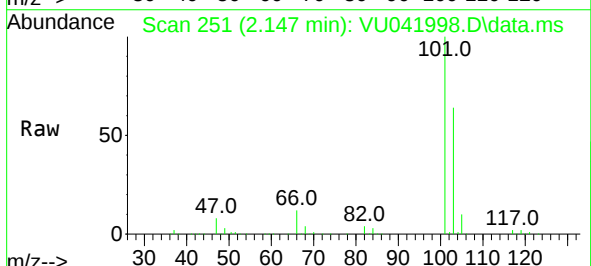
Instrument :
MSVOA_U
ClientSampled :

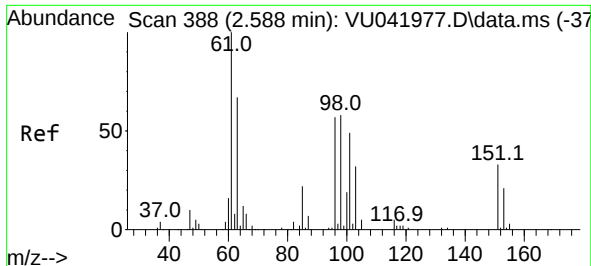
Tgt Ion: 64 Resp: 291
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#



#9
Trichlorofluoromethane
Concen: 51.92 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Tgt Ion:101 Resp: 925293
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.57 ug/L

RT: 2.591 min Scan# 389

Delta R.T. 0.000 min

Lab File: VU041998.D

Acq: 13 Jan 2021 22:40

Tgt Ion:101 Resp: 14993

Ion Ratio Lower Upper

101 100

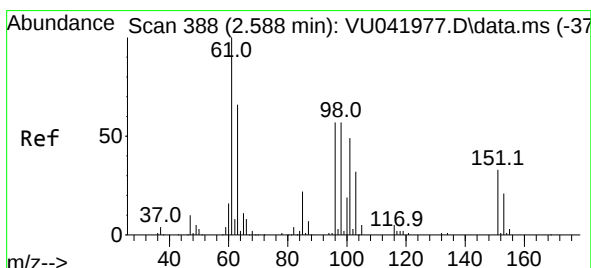
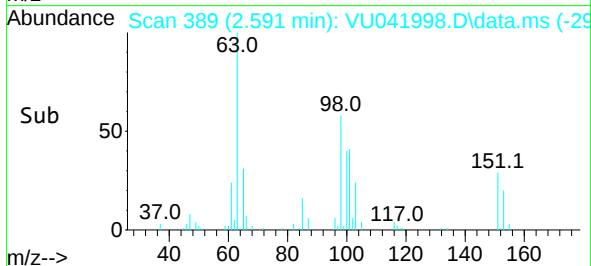
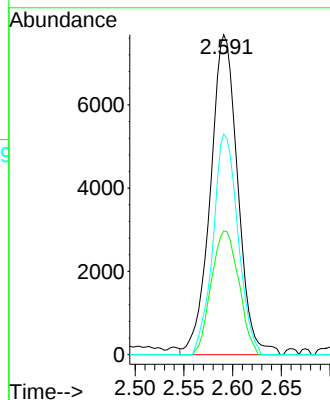
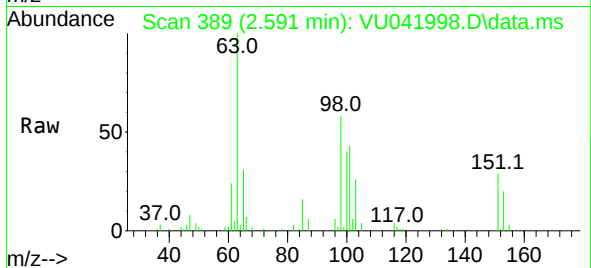
85 38.7 35.9 53.9

151 63.0 55.4 83.2

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 0.23 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU041998.D

Acq: 13 Jan 2021 22:40

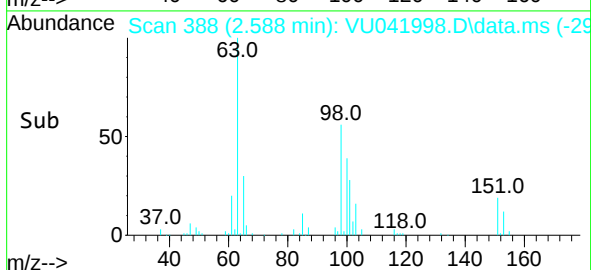
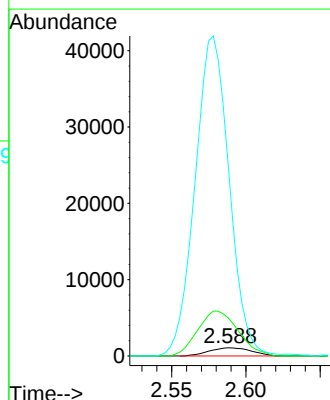
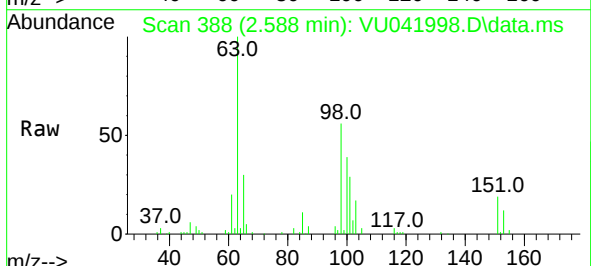
Tgt Ion: 96 Resp: 2113

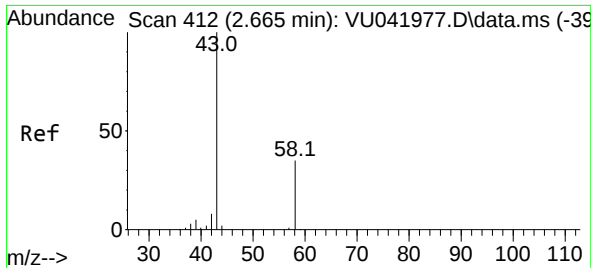
Ion Ratio Lower Upper

96 100

61 469.0 122.2 226.9#

63 2398.5 82.8 153.8#

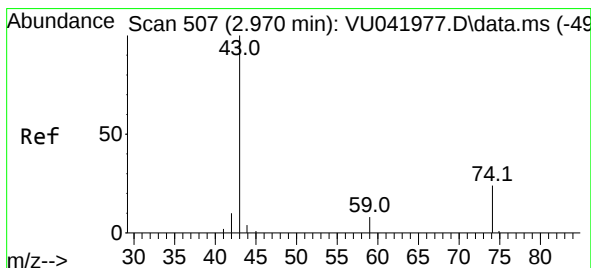
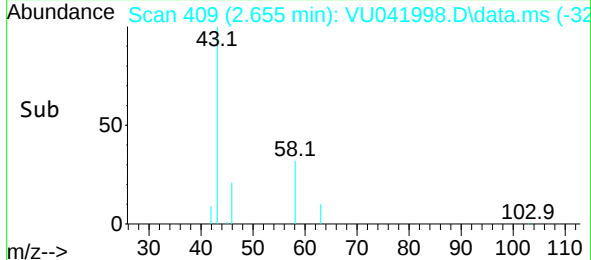
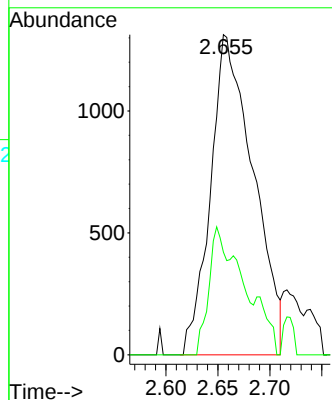
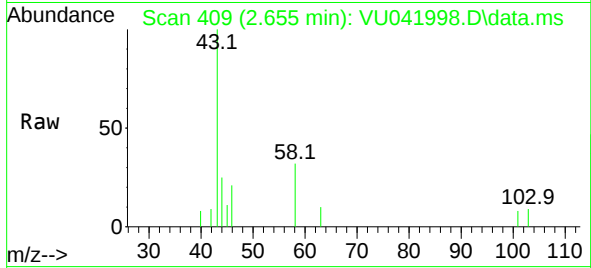




#13
Acetone
Concen: 1.98 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.016 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

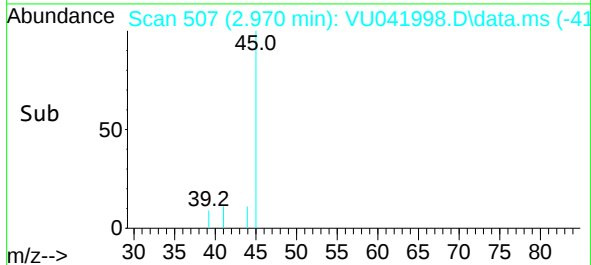
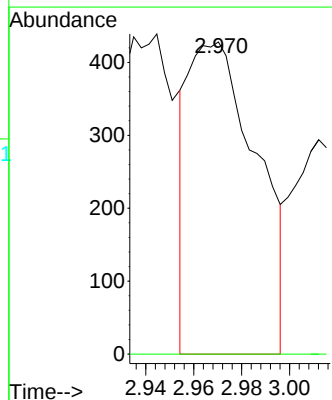
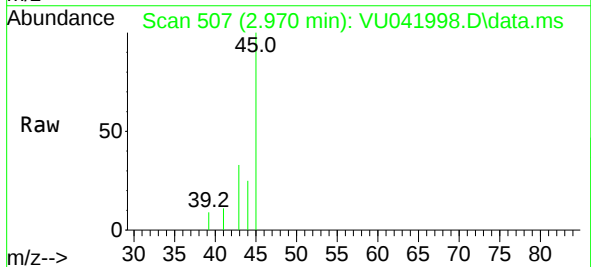
Instrument :
MSVOA_U
ClientSampled :

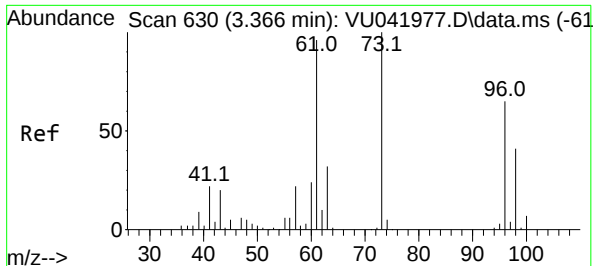
Tgt Ion: 43 Resp: 3750
Ion Ratio Lower Upper
43 100
58 28.2 0.0 57.4



#15
Methyl Acetate
Concen: 0.18 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

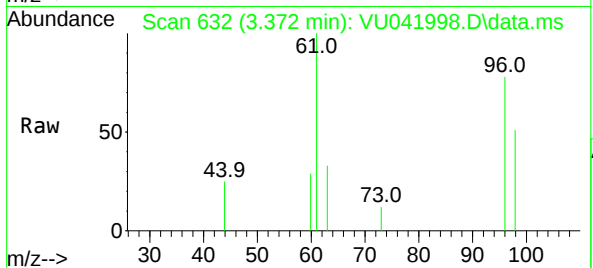
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





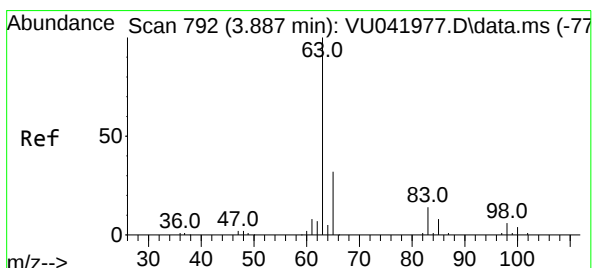
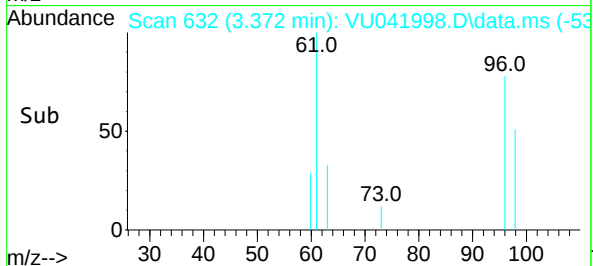
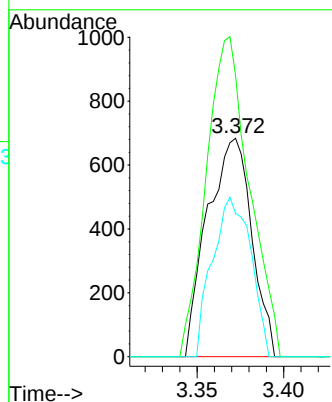
#18
trans-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.006 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Instrument :
MSVOA_U
ClientSampled :

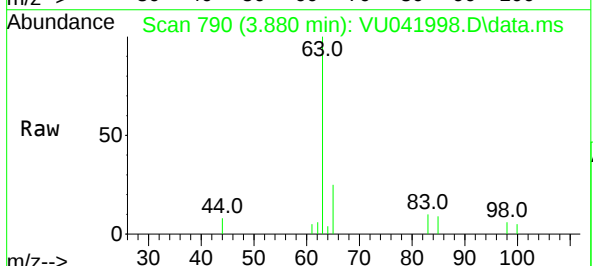


Tgt Ion: 96 Resp: 1217

Ion	Ratio	Lower	Upper
96	100		
61	128.8	103.2	191.6
98	65.6	43.8	81.3

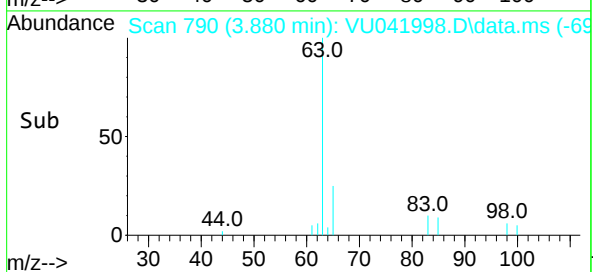
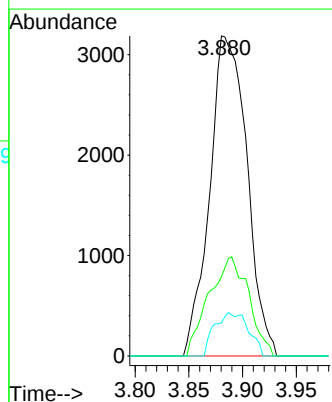


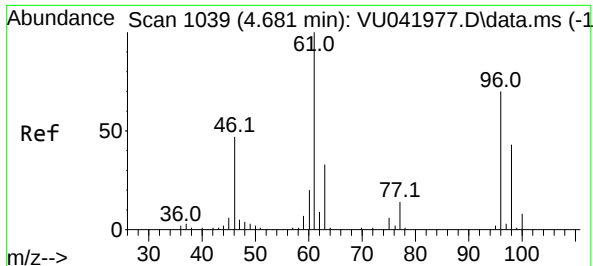
#19
1,1-Dichloroethane
Concen: 0.41 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.006 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40



Tgt Ion: 63 Resp: 7687

Ion	Ratio	Lower	Upper
63	100		
65	24.8	22.7	42.1
83	10.4	9.4	17.6

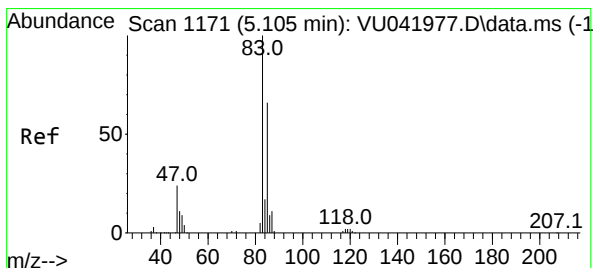
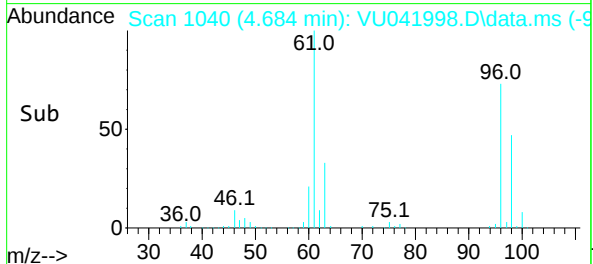
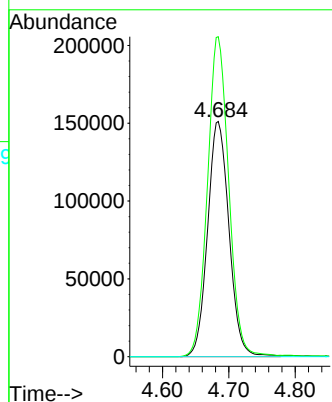
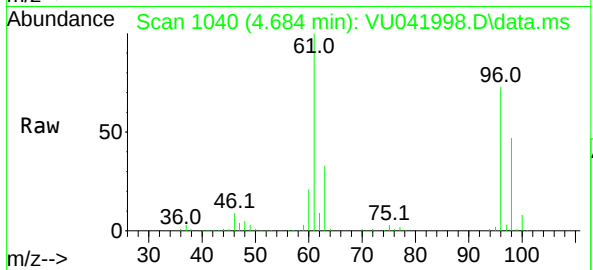




#22
cis-1,2-Dichloroethene
Concen: 34.18 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

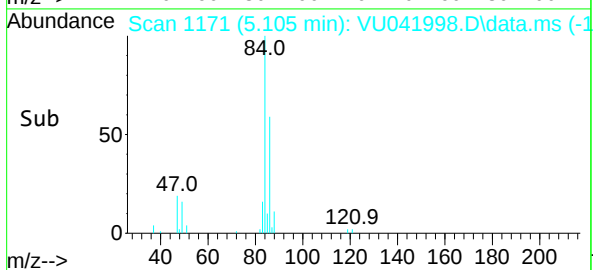
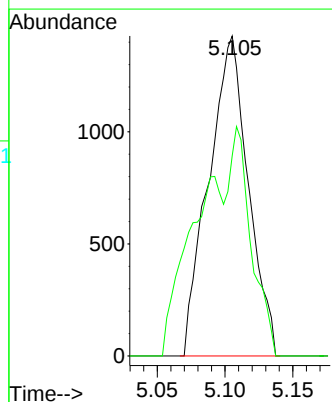
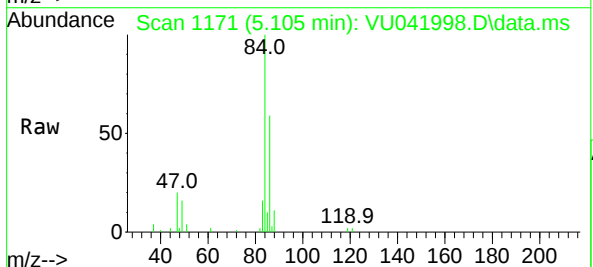
Instrument :
MSVOA_U
ClientSampled :

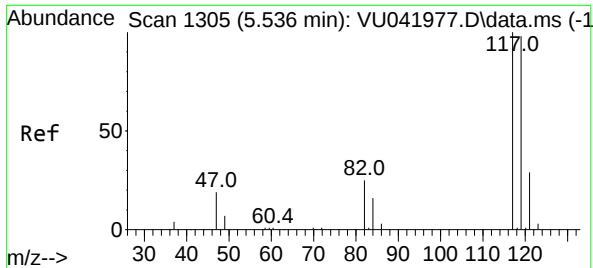
Tgt Ion: 96 Resp: 339190
Ion Ratio Lower Upper
96 100
61 136.1 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.16 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Tgt Ion: 83 Resp: 2898
Ion Ratio Lower Upper
83 100
85 62.5 46.1 85.7

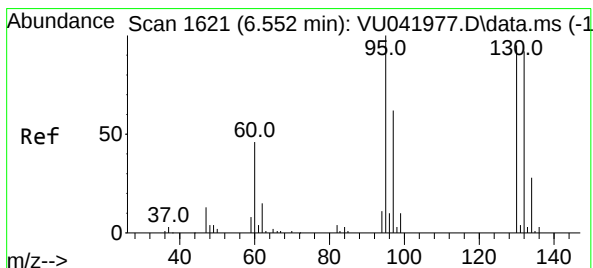
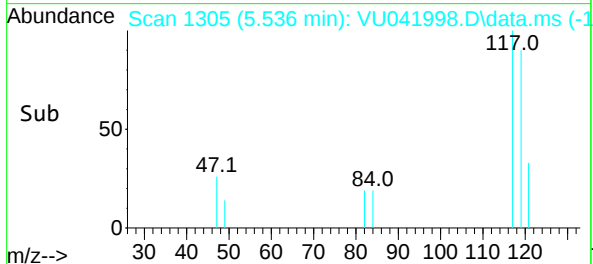
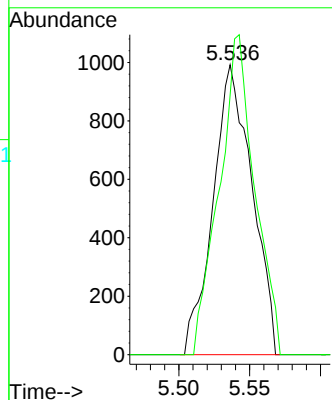
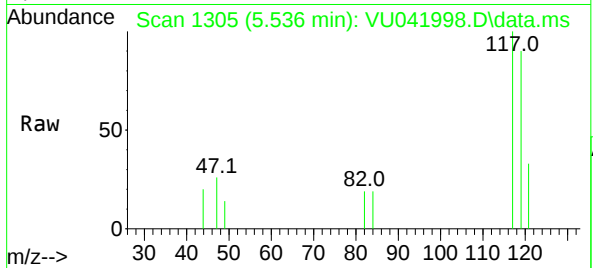




#31
Carbon tetrachloride
Concen: 0.15 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.003 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

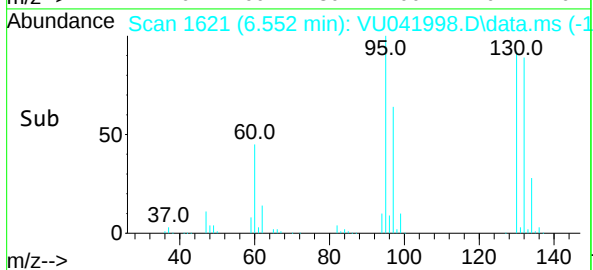
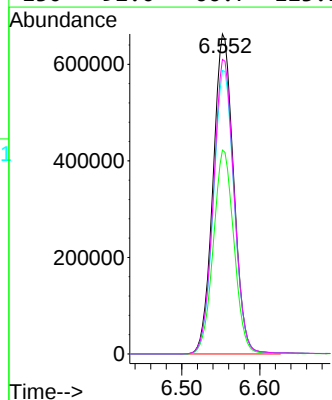
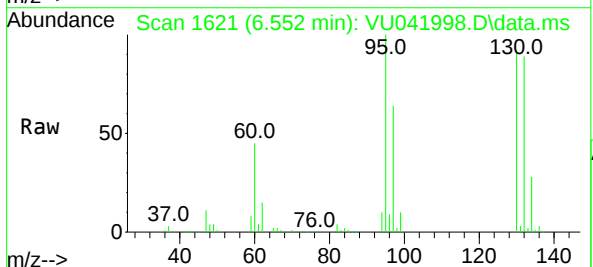
Instrument :
MSVOA_U
ClientSampled :

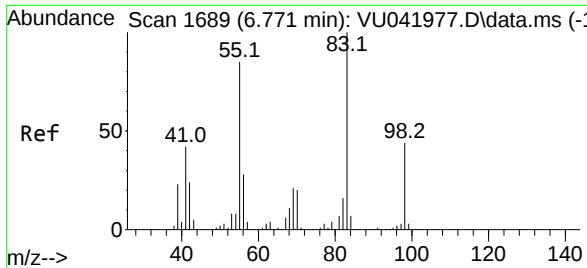
Tgt Ion:117 Resp: 1896
Ion Ratio Lower Upper
117 100
119 100.8 76.6 114.8



#34
Trichloroethene
Concen: 131.73 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Tgt Ion: 95 Resp: 1217854
Ion Ratio Lower Upper
95 100
97 63.7 43.6 81.0
132 88.5 64.3 119.3
130 92.0 66.7 123.9





#35

Methylcyclohexane

Concen: 0.89 ug/L

RT: 6.703 min Scan# 1668

Delta R.T. -0.071 min

Lab File: VU041998.D

Acq: 13 Jan 2021 22:40

Tgt Ion: 83 Resp: 13048

Ion Ratio Lower Upper

83 100

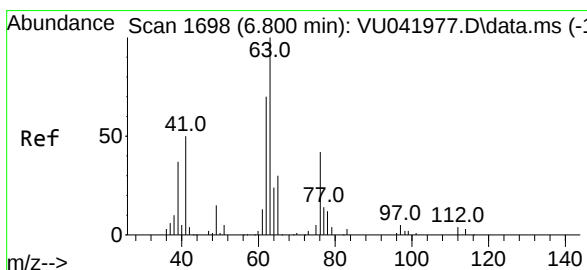
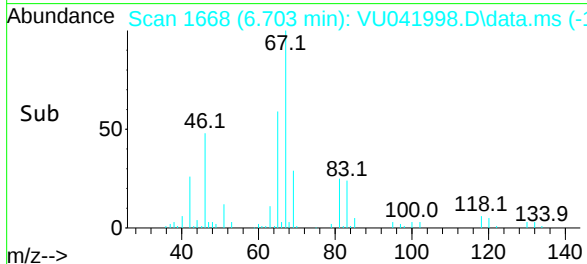
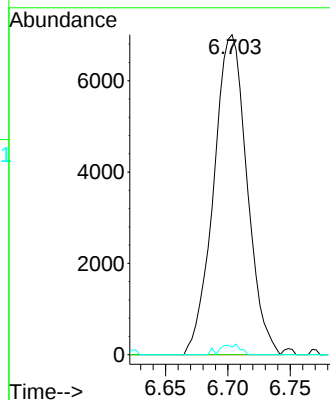
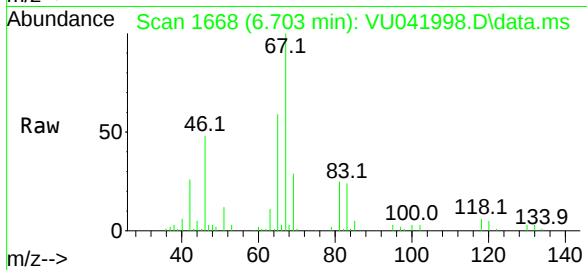
55 0.0 66.8 100.2#

98 0.0 35.7 53.5#

Instrument :

MSVOA_U

ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.61 ug/L

RT: 6.703 min Scan# 1668

Delta R.T. -0.100 min

Lab File: VU041998.D

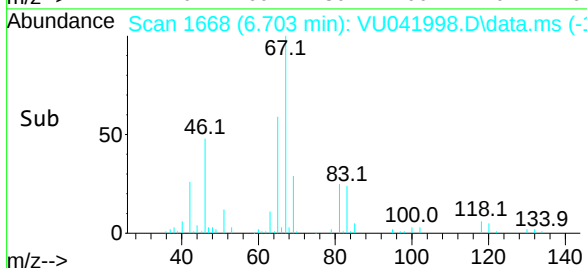
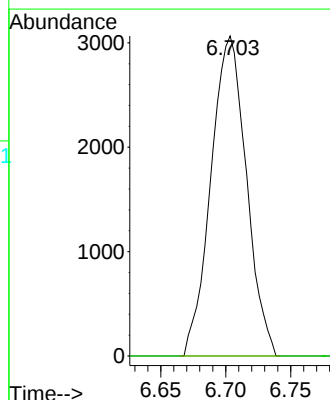
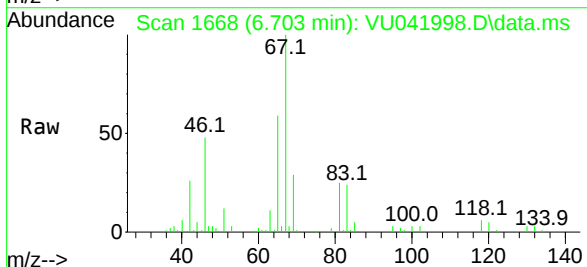
Acq: 13 Jan 2021 22:40

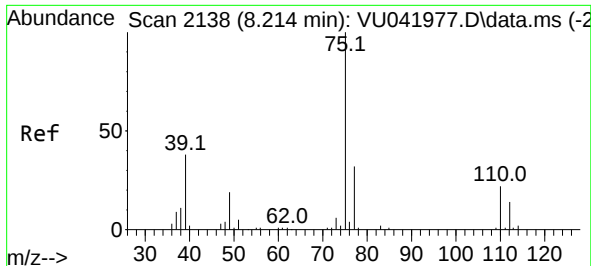
Tgt Ion: 63 Resp: 5821

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

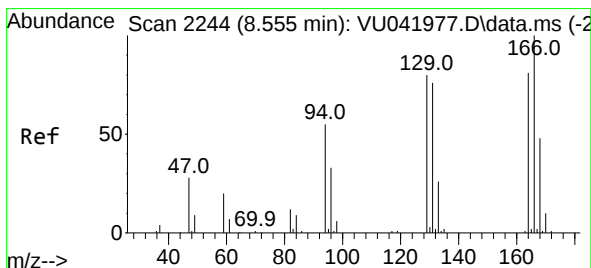
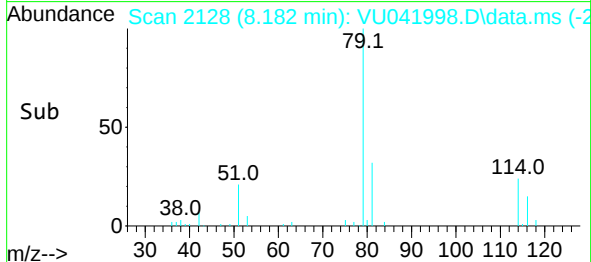
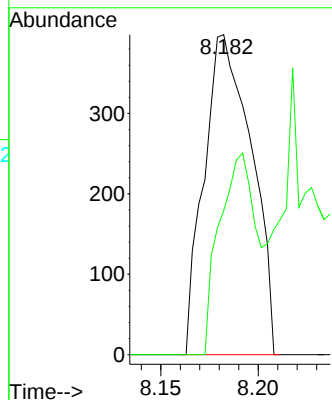
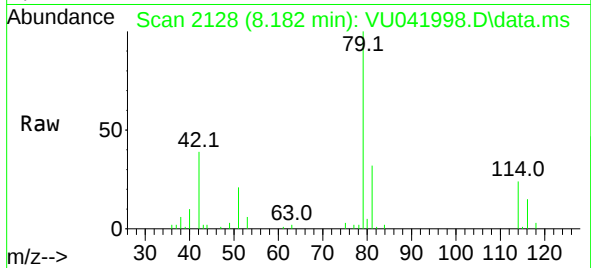




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

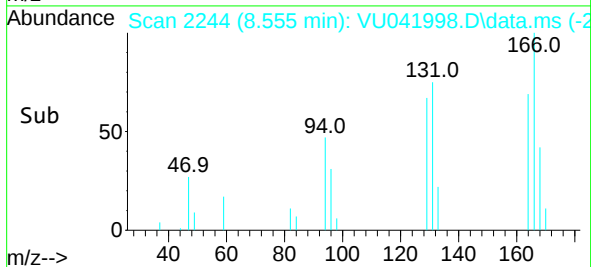
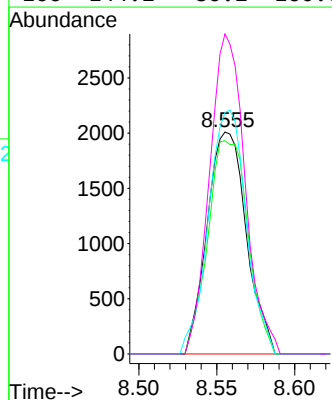
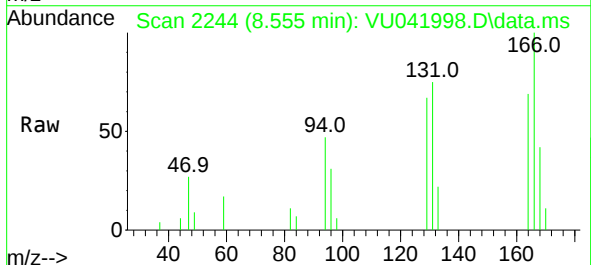
Instrument :
MSVOA_U
ClientSampled :

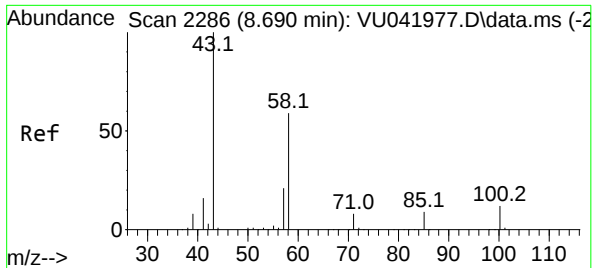
Tgt Ion: 75 Resp: 672
Ion Ratio Lower Upper
75 100
77 45.0 22.0 41.0#



#47
Tetrachloroethene
Concen: 0.59 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

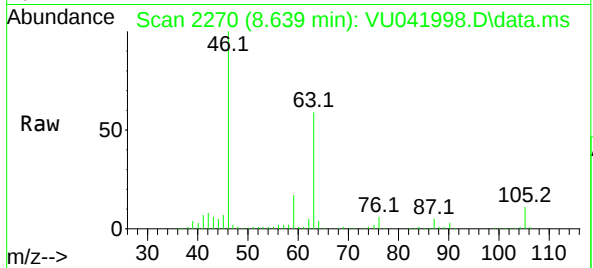
Tgt Ion: 164 Resp: 3522
Ion Ratio Lower Upper
164 100
129 96.1 68.7 127.5
131 108.9 65.2 121.0
166 144.2 86.2 160.0



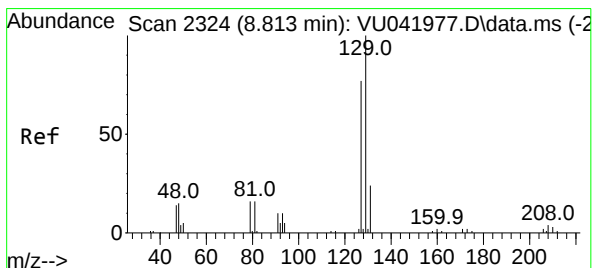
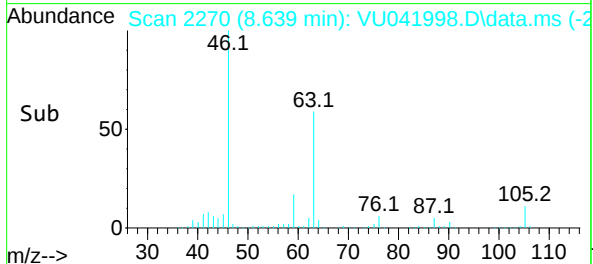
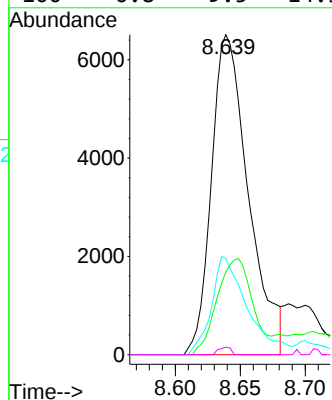


#48
2-Hexanone
Concen: 2.87 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

Instrument :
MSVOA_U
ClientSampled :

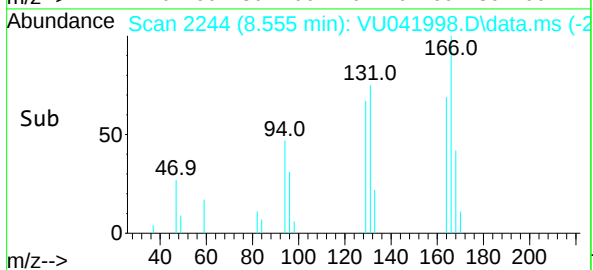
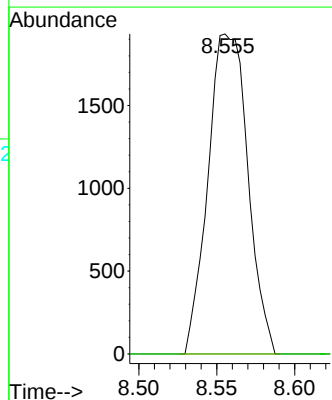
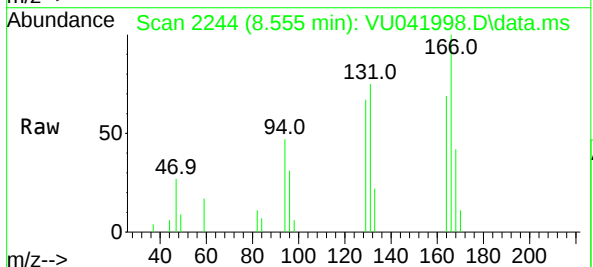


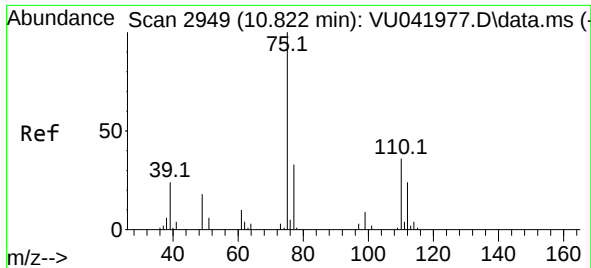
Tgt Ion:	43	Resp:	12875
Ion Ratio	100	Lower	Upper
43	100		
58	29.1	47.8	71.8#
57	29.8	17.4	26.0#
100	0.8	9.5	14.3#



#49
Dibromochloromethane
Concen: 0.47 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU041998.D
Acq: 13 Jan 2021 22:40

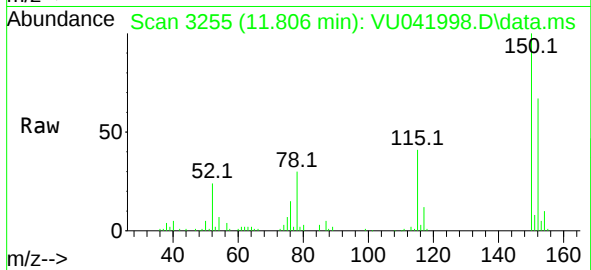
Tgt Ion:	129	Resp:	3441
Ion Ratio	100	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.83 ug/L
 RT: 11.806 min Scan# 3255
 Delta R.T. 0.984 min
 Lab File: VU041998.D
 Acq: 13 Jan 2021 22:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5216
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4

